

**AMENDED APPLICATION
APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office DEC 05 2003

Returned to applicant for correction JAN 01 2004

Corrected application filed FEB 06 2004

Map filed FEB 06 2004

The applicant **Homestretch Energy** hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association give names of members.) **State of Nevada - 2000**

1. The source of the proposed appropriation is **Geothermal Underground Source**
2. The amount of water applied for is **12.0 cfs – 8,710 acre feet per annum** second-feet
 - (a) If stored in reservoir give number of acre-feet **100 acre feet**
3. The water to be used for **Storage (Primary) Purposes**
4. If use is for:
 - (a) Irrigation, state number of acres to be irrigated **see secondary applications**
 - (b) Stockwater, state number and kinds of animals to be watered
 - (c) Other use (describe fully under No. 12. "Remarks") **see secondary applications**
 - (d) Power:
 - (1) Horsepower developed
 - (2) Point of return of water to stream
5. The water is to be diverted from its source at the following point **within the NW¼ SW¼ Section 15 T15N, R25E, MDM, at a point from which the NW corner of said Section 15 bears N 5 degrees 54 minutes 12 seconds W, a distance of 2,932.17 feet**
6. Place of Use **w/in N½ NW¼ SW¼ Section 15 and N½ N½ S½ Section 16 lying east of US Highway 95 Alternate all within T15N, R25E, MDM Cooling ponds located within the N½ NW¼ SW¼ Section 15 and the N½ NE¼ SE¼ Section 16 T15N, R25E, MDM To be further determined by the secondary permits**
7. Use will begin about **January 1** and end about **December 31** of each year.
8. Description of proposed works **Existing geothermal wells, equipped with motor, pump and pipeline to cooling ponds. Additional facilities expected to serve secondary permits.**
9. Estimated cost of works **None Existing Wells – See Remarks**
10. Estimated time required to construct works **Three Years**
11. Estimated time required to complete the application of water to beneficial use **See Secondary Applications**

12. Remarks: Existing Geothermal Well Nos. 1 & 2 under Permit Nos. 62362, 56007, 51547 & 47644 discharge geothermal fluids into existing and proposed cooling ponds. The total combined flow will then be placed to beneficial use under secondary permits. The total combined discharge from Well Nos. 1 & 2 under the above permits and Application Nos. 70402 and 70403 will not exceed 8,710 acre feet annually.

By s/Michael D. Buschelman
Michael D. Buschelman
Post Office Box 51371
Sparks, Nevada 89435

Compared cmf/sam ll/ gkl

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This primary permit is issued under the authority of NRS 533.440 (Secondary Applications are required for the use of the appropriated effluent) and is only a temporary allowance and the quantity granted may exceed the effluent discharged. The final water right obtained will be dependent upon the amount of effluent actually placed to beneficial use under the secondary permits. A totalizing meter must be installed at the discharge near the point of diversion and accurate measurements must be kept of effluent discharged. Granting of this permit is not intended in any way to waive or affect authority or requirements of appropriate water quality control agencies or regulations. This permit is further issued subject to the provisions of NRS 533.395 and the State retains the right to regulate the use of water herein granted at any and all times.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

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The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 12.0 cubic feet per second, or 8,688 acre-feet per year.

Work must be prosecuted with reasonable diligence and proof of completion of work shall be filed on or before:

January 29, 2010

Water must be placed to beneficial use and proof of the application of water to beneficial use shall be filed on or before:

N/A

Map in support of proof of beneficial use shall be filed on or before:

N/A

IN TESTIMONY WHEREOF, I, TRACY TAYLOR, P.E.,

State Engineer of Nevada, have hereunto set

my hand and the seal of my office,

this 29th day of January, A.D. 2007

Tracy T. Taylor, P.E.
State Engineer

Completion of work filed _____

Proof of beneficial use filed N/A

Cultural map filed N/A

Certificate No. _____ Issued _____